



## Climate change impacts on Iowa 2010

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### Abstract:

This report documents the impacts of changing climate on Iowa during the past 50 years. It seeks to answer the question, "What are the impacts of climate change in Iowa that have been observed already?" And, "What are the effects on public health, our flora and fauna, agriculture, and the general economy of Iowa?"

**Source:** <http://www.iowadnr.gov/Conservation/Climate-Change>

### Resource Description

#### Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Indoor Environment, Meteorological Factors, Precipitation, Solar Radiation, Temperature

**Air Pollution:** Allergens, Interaction with Temperature, Ozone, Particulate Matter, Other Air Pollution

**Air Pollution (other):** CO; NOx

**Extreme Weather Event:** Drought, Flooding, Landslides, Wildfires

**Food/Water Quality:** Chemical, Pathogen, Other Water Quality Issue

**Water Quality (other):** Eutrophication

**Food/Water Security:** Agricultural Productivity, Livestock Productivity

**Temperature:** Extreme Cold, Extreme Heat, Fluctuations

#### Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

#### Geographic Location:

resource focuses on specific location

# Climate Change and Human Health Literature Portal

United States

## **Health Impact:**

specification of health effect or disease related to climate change exposure

Cancer, Infectious Disease, Injury, Morbidity/Mortality, Neurological Effect, Respiratory Effect

**Infectious Disease:** Foodborne/Waterborne Disease, Vectorborne Disease, Zoonotic Disease

**Foodborne/Waterborne Disease:** Cholera, Cryptosporidiosis, Giardiasis, Salmonellosis, Other Diarrheal Disease

**Vectorborne Disease:** General Vectorborne, Mosquito-borne Disease, Tick-borne Disease

**Mosquito-borne Disease:** Dengue, General Mosquito-borne Disease, Malaria, Viral Encephalitis, West Nile Virus

**Tick-borne Disease:** General Tick-borne Disease, Lyme Disease

**Zoonotic Disease:** General Zoonotic Disease, Hantavirus Pulmonary Syndrome

**Respiratory Effect:** Asthma, Upper Respiratory Allergy, Other Respiratory Effect

**Respiratory Condition (other) :** Allergic rhinitis

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

## **Model/Methodology:**

type of model used or methodology development is a focus of resource

Exposure Change Prediction

## **Resource Type:**

format or standard characteristic of resource

Policy/Opinion, Review

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content